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1017 ***Jian Zhang, Jian-Xin Gao, Kostantin Salojin, Qing Shao, Marsha Grattan, Craig Meagher, Dale W. Laird, and Terry L. Delovitch.*** Regulation of Fas ligand expression during activation-induced cell death in T cells by p38 mitogen-activated protein kinase and c-Jun NH_2-terminal kinase

1031 ***Sarah L. Pogue and Christopher C. Goodnow.*** Gene dose–dependent maturation and receptor editing of B cells expressing immunoglobulin (Ig)G1 or IgM/IgG1 tail antigen receptors

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1045 ***Mark S. Schlissel, Scott D. Durum, and Kathrin Muegge.*** The interleukin 7 receptor is required for T cell receptor γ locus accessibility to the V(D)J recombinase

1051 ***Ravinder K. Suniara, Eric J. Jenkinson, and John J.T. Owen.*** An essential role for thymic mesenchyme in early T cell development

1057 ***Philippe Pierre, Idit Shachar, Didi Matza, Evelina Gatti, Richard A. Flavell, and Ira Mellman.*** Invariant chain controls H2-M proteolysis in mouse splenocytes and dendritic cells

1063 ***Peter E. Kima, Stephanie L. Constant, Lynn Hannum, Maria Colmenares, Karen S. Lee, Ann M. Haberman, Mark J. Shlomchik, and Diane McMahon-Pratt.*** Internalization of *Leishmania mexicana* complex amastigotes via the Fc receptor is required to sustain infection in murine cutaneous leishmaniasis

1069 ***Michael J. Townsend, Padraic G. Fallon, David J. Matthews, Helen E. Jolin, and Andrew N.J. McKenzie.*** T1/ST2-deficient mice demonstrate the importance of T1/ST2 in developing primary T helper cell type 2 responses

1077 ***Li Li, Xin Zhang, Sharlotte Kovacic, Andrew J. Long, Karen Bourque, Clive R. Wood, and Yong Sung Choi.*** Identification of a human follicular dendritic cell molecule that stimulates germinal center B cell growth

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1085 ***Freddy Radtke, Isabel Ferrero, Anne Wilson, Rosemary Lees, Michel Aguet, and H. Robson MacDonald.*** Notch1 deficiency dissociates the intrathymic development of dendritic cells and T cells

1095 ***Kaimei Song, Yiguang Chen, Rüdiger Göke, Andreas Wilmen, Cheryl Seidel, Alexandra Göke, Brendan Hilliard, and Youhai Chen.*** Tumor necrosis factor–related apoptosis-inducing ligand (TRAIL) is an inhibitor of autoimmune inflammation and cell cycle progression

1105 ***Yang Liu, Arthur J. Chirino, Ziva Misulovin, Christine Leteux, Ten Feizi, Michel C. Nussenzweig, and Pamela J. Bjorkman.*** Crystal structure of the cysteine-rich domain of mannose receptor complexed with a sulfated carbohydrate ligand

1117 ***Christine Leteux, Wengang Chai, R. Wendy Loveless, Chun-Ting Yuen, Lars Uhlin-Hansen, Yves Combarnous, Mila Jankovic, Svetlana C. Maric, Ziva Misulovin, Michel C. Nussenzweig, and Ten Feizi.*** The cysteine-rich domain of the macrophage mannose receptor is a multispecific lectin that recognizes chondroitin sulfates A and B and sulfated oligosaccharides of blood group Lewis^a and Lewis^x types in addition to the sulfated *N*-glycans of lutropin

1127 ***Marieke van Ham, Marcel van Lith, Björn Lillemeier, Esther Tjin, Ulrike Grüneberg, Dinah Rahman, Liesbeth Pastoors, Krista van Meijgaarden, Corinne Roucard, John Trowsdale, Tom Ottenhoff, Darryl Pappin, and Jacques Neefjes.*** Modulation of the major histocompatibility complex class II–associated peptide repertoire by human histocompatibility leukocyte antigen (HLA)-DO

1137 ***Inkyu Hwang, Jing-Feng Huang, Hidehiro Kishimoto, Anders Brunmark, Per A. Peterson, Michael R. Jackson, Charles D. Surh, Zeling Cai, and Jonathan Sprent.*** T cells can use either T cell receptor or CD28 receptors to absorb and internalize cell surface molecules derived from antigen-presenting cells

1149 ***Louise J. McHeyzer-Williams, Melinda Cool, and Michael G. McHeyzer-Williams.*** Antigen-specific B cell memory: expression and replenishment of a novel B220$^-$ memory B cell compartment

1167 ***Mia Levite, Liora Cahalon, Asher Peretz, Rami Hershkoviz, Alex Sobko, Amiram Ariel, Rooma Desai, Bernard Attali, and Ofer Lider.*** Extracellular K^+ and opening of voltage-gated potassium channels activate T cell integrin function: physical and functional association between Kv1.3 channels and β1 integrins

1177 ***Guo-Ping Shi, Rebecca A.R. Bryant, Richard Riese, Steven Verhelst, Christoph Driessen, Zhenqiang Li, Dieter Bromme, Hidde L. Ploegh, and Harold A. Chapman.*** Role for cathepsin F in invariant chain processing and major histocompatibility complex class II peptide loading by macrophages

1187 ***Philip J. Lucas, Seong-Jin Kim, Spencer J. Melby, and Ronald E. Gress.*** Disruption of T cell homeostasis in mice expressing a T cell–specific dominant negative transforming growth factor β II receptor

1197 ***Nan Chiang, Iolanda M. Fierro, Karsten Gronert, and Charles N. Serhan.*** Activation of lipoxin A_4 receptors by aspirin-triggered lipoxins and select peptides evokes ligand-specific responses in inflammation

1209 ***Andreas M. Hohlbaum, Signa Moe, and Ann Marshak-Rothstein.*** Opposing effects of transmembrane and soluble Fas ligand expression on inflammation and tumor cell survival

1221 ***Teresa A. Colella, Timothy N.J. Bullock, Liane B. Russell, David W. Mullins, Willem W. Overwijk, Chance John Luckey, Richard A. Pierce, Nicholas P. Restifo, and Victor H. Engelhard.*** Self-tolerance to the murine homologue of a tyrosinase-derived melanoma antigen: implications for tumor immunotherapy

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1233 ***Ralf Schwandner, Kyoko Yamaguchi, and Zhaodan Cao.*** Requirement of tumor necrosis factor receptor–associated factor (TRAF)6 in interleukin 17 signal transduction

1241 ***Laurie E. Harrington, Marisa Galvan, Linda G. Baum, John D. Altman, and Rafi Ahmed.*** Differentiating between memory and effector CD8 T cells by altered expression of cell surface O-glycans

1247 ***Luca G. Guidotti, Heike McClary, Jacquelyn Moorhead Loudis, and Francis V. Chisari.*** Nitric oxide inhibits hepatitis B virus replication in the livers of transgenic mice

1253 ***Michael R. Ehrenstein, H. Terence Cook, and Michael S. Neuberger.*** Deficiency in serum immunoglobulin (Ig)M predisposes to development of IgG autoantibodies

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1259 ***Lewis L. Lanier.*** Turning on natural killer cells

1263 ***Barbara Rehermann.*** Intrahepatic T cells in hepatitis B: viral control versus liver cell injury

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1269 ***Mala K. Maini, Carolina Boni, Chun Kyon Lee, Juan R. Larrubia, Stephanie Reignat, Graham S. Ogg, Abigail S. King, Jethro Herberg, Richard Gilson, Akeem Alisa, Roger Williams, Diego Vergani, Nikolai V. Naoumov, Carlo Ferrari, and Antonio Bertoletti.*** The role of virus-specific $CD8^+$ cells in liver damage and viral control during persistent hepatitis B virus infection

1281 ***Raelene J. Grumont and Steve Gerondakis.*** Rel induces interferon regulatory factor 4 (*IRF-4*) expression in lymphocytes: modulation of interferon-regulated gene expression by Rel/nuclear factor κB

1293 ***Liliane Fossati-Jimack, Andreea Ioan-Facsinay, Luc Reininger, Yves Chicheportiche, Norihiko Watanabe, Takashi Saito, Frans M.A. Hofhuis, J. Engelbert Gessner, Carsten Schiller, Reinhold E. Schmidt, Tasuku Honjo, J. Sjef Verbeek, and Shozo Izui.*** Markedly different pathogenicity of four immunoglobulin G isotype-switch variants of an antierythrocyte autoantibody is based on their capacity to interact in vivo with the low-affinity Fcγ receptor III

1303 ***Edward P. Bowman, James J. Campbell, Dulce Soler, Zengjun Dong, Natasha Manlongat, Dominic Picarella, Richard R. Hardy, and Eugene C. Butcher.*** Developmental switches in chemokine response profiles during B cell differentiation and maturation

1319 ***Aaron J. Marshall, Hiroaki Niiro, Cara G. Lerner, Theodore J. Yun, Sushma Thomas, Christine M. Disteche, and Edward A. Clark.*** A novel B lymphocyte–associated adaptor protein, Bam32, regulates antigen receptor signaling downstream of phosphatidylinositol 3-kinase

1333 ***Kazushige Maki, Kisaburo Nagata, Fujiko Kitamura, Toshitada Takemori, and Hajime Karasuyama.*** Immunoglobulin β signaling regulates locus accessibility for ordered immunoglobulin gene rearrangements

1341 ***Hamish R.C. Smith, Hubert H. Chuang, Lawrence L. Wang, Margarita Salcedo, Jonathan W. Heusel, and Wayne M. Yokoyama.*** Nonstochastic coexpression of activation receptors on murine natural killer cells

1355 ***Peter U.Y. Lee, Hywyn R.O. Churchill, Mark Daniels, Stephen C. Jameson, and David M. Kranz.*** Role of 2C T cell receptor residues in the binding of self– and allo–major histocompatibility complexes

1365 ***Ananth Shanmugam, Meng-Jiao Shi, Lauren Yauch, Janet Stavnezer, and Amy L. Kenter.*** Evidence for class-specific factors in immunoglobulin isotype switching

1381 ***Akiko Iwasaki and Brian L. Kelsall.*** Localization of distinct Peyer's patch dendritic cell subsets and their recruitment by chemokines macrophage inflammatory protein (MIP)-3α, MIP-3β, and secondary lymphoid organ chemokine

1395 ***Michelle Krogsgaard, Kai W. Wucherpfennig, Barbara Canella, Bjarke E. Hansen, Arne Svejgaard, Jason Pyrdol, Henrik Ditzel, Cedric Raine, Jan Engberg, and Lars Fugger.*** Visualization of myelin basic protein (MBP) T cell epitopes in multiple sclerosis lesions using a monoclonal antibody specific for the human histocompatibility leukocyte antigen (HLA)-DR2–MBP 85–99 complex

1413 ***Paul S. Frenette, Cécile V. Denis, Linnea Weiss, Kerstin Jurk, Sangeetha Subbarao, Beate Kehrel, John H. Hartwig, Dietmar Vestweber, and Denisa D. Wagner.*** P-selectin glycoprotein ligand 1 (PSGL-1) is expressed on platelets and can mediate platelet–endothelial interactions in vivo

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1423 ***Deling Yin, David Tuthill, R. Allan Mufson, and Yufang Shi.*** Chronic restraint stress promotes lymphocyte apoptosis by modulating CD95 expression

1429 ***Mark J. Taylor, Helen F. Cross, and Katja Bilo.*** Inflammatory responses induced by the filarial nematode *Brugia malayi* are mediated by lipopolysaccharide-like activity from endosymbiotic *Wolbachia* bacteria

1437 ***Samuel D. Wright, Charlotte Burton, Melba Hernandez, Heide Hassing, Judy Montenegro, Steve Mundt, Sushma Patel, Deborah J. Card, Anne Hermanowski-Vosatka, James D. Bergstrom, Carl P. Sparrow, Patricia A. Detmers, and Yu-Sheng Chao.*** Infectious agents are not necessary for murine atherogenesis

1443 ***Bennett C. Weintraub, Jesse Eunsuk Jun, Anthony C. Bishop, Kevan M. Shokat, Matthew L. Thomas, and Christopher C. Goodnow.*** Entry of B cell receptor into signaling domains is inhibited in tolerant B cells

1449 ***Correction***

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1451 ***Lee-Ann H. Allen.*** Modulating phagocyte activation: the pros and cons of *Helicobacter pylori* virulence factors

1455 ***Anthony A. Nash.*** T cells and the regulation of herpes simplex virus latency and reactivation

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1459 ***Ting Liu, Kamal M. Khanna, XiaoPing Chen, David J. Fink, and Robert L. Hendricks.*** $CD8^+$ T cells can block herpes simplex virus type 1 (HSV-1) reactivation from latency in sensory neurons

1467 ***Barbara Satin, Giuseppe Del Giudice, Vittorina Della Bianca, Stefano Dusi, Carlo Laudanna, Fiorella Tonello, Dermot Kelleher, Rino Rappuoli, Cesare Montecucco, and Filippo Rossi.*** The neutrophil-activating protein (HP-NAP) of *Helicobacter pylori* is a protective antigen and a major virulence factor

1477 ***Sidonia Fagarasan, Reiko Shinkura, Tadashi Kamata, Fumiaki Nogaki, Koichi Ikuta, Kei Tashiro, and Tasuku Honjo.*** Alymphoplasia (*aly*)-type nuclear factor κB–inducing kinase (NIK) causes defects in secondary lymphoid tissue chemokine receptor signaling and homing of peritoneal cells to the gut-associated lymphatic tissue system

1487 ***Helen Everett, Michele Barry, Siow Fong Lee, Xuejun Sun, Kathryn Graham, James Stone, R. Chris Bleackley, and Grant McFadden.*** M11L: a novel mitochondria-localized protein of myxoma virus that blocks apoptosis of infected leukocytes

1499 ***Franziska Lechner, David K.H. Wong, P. Rod Dunbar, Roger Chapman, Raymond T. Chung, Paul Dohrenwend, Gregory Robbins, Rodney Phillips, Paul Klenerman, and Bruce D. Walker.*** Analysis of successful immune responses in persons infected with hepatitis C virus

1513 ***John D. Lich, John F. Elliott, and Janice S. Blum.*** Cytoplasmic processing is a prerequisite for presentation of an endogenous antigen by major histocompatibility complex class II proteins

1525 ***Guangming Zhong, Li Liu, Tao Fan, Peiyi Fan, and Hezhao Ji.*** Degradation of transcription factor RFX5 during the inhibition of both constitutive and interferon γ–inducible major histocompatibility complex class I expression in chlamydia-infected cells

1535 ***James L. Young, Galina K. Sukhova, Don Foster, Walter Kisiel, Peter Libby, and Uwe Schönbeck.*** The serpin proteinase inhibitor 9 is an endogenous inhibitor of interleukin 1β–converting enzyme (caspase-1) activity in human vascular smooth muscle cells

1545 ***Anne Brauweiler, Idan Tamir, Joseph Dal Porto, Robert J. Benschop, Cheryl D. Helgason, R. Keith Humphries, John H. Freed, and John C. Cambier.*** Differential regulation of B cell development, activation, and death by the Src homology 2 domain–containing 5′ inositol phosphatase (SHIP)

1555 ***Karen S. Taraszka, Jonathan M.G. Higgins, Kemin Tan, Didier A. Mandelbrot, Jia-huai Wang, and Michael B. Brenner.*** Molecular basis for leukocyte integrin $\alpha_E\beta_7$ adhesion to epithelial (E)-cadherin

1569 ***Karen Laky, Leo Lefrançois, Elizabeth G. Lingenheld, Hiromichi Ishikawa, Julia M. Lewis, Sara Olson, Kenji Suzuki, Robert E. Tigelaar, and Lynn Puddington.*** Enterocyte expression of interleukin 7 induces development of γδ T cells and Peyer's patches

1581 ***Monika Kruse, Olaf Rosorius, Friedrich Krätzer, Dorian Bevec, Christine Kuhnt, Alexander Steinkasserer, Gerold Schuler, and Joachim Hauber.*** Inhibition of CD83 cell surface expression during dendritic cell maturation by interference with nuclear export of CD83 mRNA

1591 ***Tomáš Brdička, Dagmar Pavlištová, Albrecht Leo, Eddy Bruyns, Vladimír Kořínek, Pavla Angelisová, Jeanette Scherer, Andrej Shevchenko, Anna Shevchenko, Ivan Hilgert, Jan Černý, Karel Drbal, Yasuhiro Kuramitsu, Birgit Kornacker, Václav Hořejší, and Burkhart Schraven.*** Phosphoprotein associated with glycosphingolipid-enriched microdomains (PAG), a novel ubiquitously expressed transmembrane adaptor protein, binds the protein tyrosine kinase Csk and is involved in regulation of T cell activation

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1605 ***Jianping He, Sanjay Gurunathan, Akiko Iwasaki, Belinda Ash-Shaheed, and Brian L. Kelsall.*** Primary role for Gi protein signaling in the regulation of interleukin 12 production and the induction of T helper cell type 1 responses

1611 ***Sandra Kleinau, Pernilla Martinsson, and Birgitta Heyman.*** Induction and suppression of collagen-induced arthritis is dependent on distinct Fcγ receptors

1617 ***Agnès Moreau-Aubry, Soizic Le Guiner, Nathalie Labarrière, Marie-Claude Gesnel, Francine Jotereau, and Richard Breathnach.*** A processed pseudogene codes for a new antigen recognized by a $CD8^+$ T cell clone on melanoma

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1625 ***Richard M. Ransohoff and Corinna Trebst.*** Surprising pleiotropy of nerve growth factor in the treatment of experimental autoimmune encephalomyelitis

1631 ***Susanna M. Lewis and Gillian E. Wu.*** The old and the restless

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1637 ***Susan S. Lee, David Fitch, Martin F. Flajnik, and Ellen Hsu.*** Rearrangement of immunoglobulin genes in shark germ cells

1649 ***Christian Münz, Kara L. Bickham, Marion Subklewe, Ming L. Tsang, Ann Chahroudi, Michael G.***

Kurilla, Dan Zhang, Michael O'Donnell, and Ralph M. Steinman. Human CD4$^+$ T lymphocytes consistently respond to the latent Epstein-Barr virus nuclear antigen EBNA1

1661 ***Cristiana Fè d'Ostiani, Giuseppe Del Sero, Angela Bacci, Claudia Montagnoli, Antonio Spreca, Antonella Mencacci, Paola Ricciardi-Castagnoli, and Luigina Romani.*** Dendritic cells discriminate between yeasts and hyphae of the fungus *Candida albicans*: implications for initiation of T helper cell immunity in vitro and in vivo

1675 ***Jürgen Janke, Kathrin Schlüter, Burkhard Jandrig, Michael Theile, Konrad Kölble, Wolfgang Arnold, Edgar Grinstein, Arnfried Schwartz, Lope Estevéz-Schwarz, Peter M. Schlag, Brigitte M. Jockusch, and Siegfried Scherneck.*** Suppression of tumorigenicity in breast cancer cells by the microfilament protein profilin 1

1687 ***Juliet V. Spencer and Thomas J. Braciale.*** Incomplete CD8$^+$ T lymphocyte differentiation as a mechanism for subdominant cytotoxic T lymphocyte responses to a viral antigen

1699 ***Christoph Klein, Hansruedi Bueler, and Richard C. Mulligan.*** Comparative analysis of genetically modified dendritic cells and tumor cells as therapeutic cancer vaccines

1709 ***Misako Haraguchi, Seiji Torii, Shu-ichi Matsuzawa, Zhihua Xie, Shinichi Kitada, Stanislaw Krajewski, Hiroki Yoshida, Tak W. Mak, and John C. Reed.*** Apoptotic protease activating factor 1 (Apaf-1)–independent cell death suppression by Bcl-2

1721 ***Russell G. Jones, Michael Parsons, Madeleine Bonnard, Vera S.F. Chan, Wen-Chen Yeh, James R. Woodgett, and Pamela S. Ohashi.*** Protein kinase B regulates T lymphocyte survival, nuclear factor κB activation, and Bcl-X_L levels in vivo

1735 ***Urmila D. Bajpai, Keming Zhang, Mark Teutsch, Ranjan Sen, and Henry H. Wortis.*** Bruton's tyrosine kinase links the B cell receptor to nuclear factor κB activation

1745 ***James B. Petro, S.M. Jamshedur Rahman, Dean W. Ballard, and Wasif N. Khan.*** Bruton's tyrosine kinase is required for activation of IκB kinase and nuclear factor κB in response to B cell receptor engagement

1755 ***Yolande Chvatchko, Arlene J. Hoogewerf, Alexandra Meyer, Sami Alouani, Pierre Juillard, Raphaele Buser, Francois Conquet, Amanda E.I. Proudfoot, Timothy N.C. Wells, and Christine A. Power.*** A key role for CC chemokine receptor 4 in lipopolysaccharide-induced endotoxic shock

1765 ***Thomas Proft, S. Louise Moffatt, Kylie D. Weller, A. Paterson, Diana Martin, and John D. Fraser.*** The streptococcal superantigen SMEZ exhibits wide allelic variation, mosaic structure, and significant antigenic variation

1777 ***Stefano M. Santini, Caterina Lapenta, Mariantonia Logozzi, Stefania Parlato, Massimo Spada, Tiziana Di Pucchio, and Filippo Belardelli.*** Type I interferon as a powerful adjuvant for monocyte-derived dendritic cell development and activity in vitro and in hu-PBL-SCID mice

1789 ***Mirna Tenan, Giulia Fulci, Michele Albertoni, Annie-Claire Diserens, Marie-France Hamou, Michèle El Atifi-Borel, Jean-Jacques Feige, Michael S. Pepper, and Erwin G. Van Meir.*** Thrombospondin-1 is downregulated by anoxia and suppresses tumorigenicity of human glioblastoma cells

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1799 ***Pablo Villoslada, Stephen L. Hauser, Ilse Bartke, Jurgen Unger, Nathan Heald, Daniel Rosenberg, Steven W. Cheung, William C. Mobley, Stefan Fisher, and Claude P. Genain.*** Human nerve growth factor protects common marmosets against autoimmune encephalomyelitis by switching the balance of T helper cell type 1 and 2 cytokines within the central nervous system

1807 ***Mario O. Labéta, Karine Vidal, Julia E. Rey Nores, Mauricio Arias, Natalio Vita, B. Paul Morgan, Jean Claude Guillemot, Denis Loyaux, Pascual Ferrara, Daniel Schmid, Michael Affolter, Leszek K. Borysiewicz, Anne Donnet-Hughes, and Eduardo J. Schiffrin.*** Innate recognition of bacteria in human milk is mediated by a milk-derived highly expressed pattern recognition receptor, soluble CD14

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1813 ***David Nemazee and Martin Weigert.*** Revising B cell receptors

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1819 ***Akira Komoriya, Beverly Z. Packard, Martin J. Brown, Ming-Lei Wu, and Pierre A. Henkart.*** Assessment of caspase activities in intact apoptotic thymocytes using cell-permeable fluorogenic caspase substrates

1829 ***Narinder Gautam, Heiko Herwald, Per Hedqvist, and Lennart Lindbom.*** Signaling via β_2 integrins triggers neutrophil-dependent alteration in endothelial barrier function

1841 ***Mary Leef, Karen L. Elkins, Jerko Barbic, and Roberta D. Shahin.*** Protective immunity to *Bordetella pertussis* requires both B cells and $CD4^+$ T cells for key functions other than specific antibody production

1853 ***Graeme E. Price, Rong Ou, Hong Jiang, Lei Huang, and Demetrius Moskophidis.*** Viral escape by selection of cytotoxic T cell–resistant variants in influenza A virus pneumonia

1869 ***Masakatsu Yamashita, Makoto Katsumata, Makio Iwashima, Motoko Kimura, Chiori Shimizu, Tohru Kamata, Tahiro Shin, Nobuo Seki, Seiichi Suzuki, Masaru Taniguchi, and Toshinori Nakayama.*** T cell receptor–induced calcineurin activation regulates T helper type 2 cell development by modifying the interleukin 4 receptor signaling complex

1881 ***Patrick C. Wilson, Kenneth Wilson, Yong-Jun Liu, Jacques Banchereau, Virginia Pascual, and J. Donald Capra.*** Receptor revision of immunoglobulin heavy chain variable region genes in normal human B lymphocytes

1895 ***Kamel Benlagha, Angela Weiss, Andrew Beavis, Luc Teyton, and Albert Bendelac.*** In vivo identification of glycolipid antigen–specific T cells using fluorescent CD1d tetramers

1905 ***Toshihiko Suzuki, Hitomi Mimuro, Hiroaki Miki, Tadaomi Takenawa, Takuya Sasaki, Hiroyuki Nakanishi, Yoshimi Takai, and Chihiro Sasakawa.*** Rho family GTPase Cdc42 is essential for the actin-based motility of *Shigella* in mammalian cells

1921 ***Karin J. Metzner, Xia Jin, Fred V. Lee, Agegnehu Gettie, Daniel E. Bauer, Michele Di Mascio, Alan S. Perelson, Preston A. Marx, David D. Ho, Leondios G. Kostrikis, and Ruth I. Connor.*** Effects of in vivo $CD8^+$ T cell depletion on virus replication in rhesus macaques immunized with a live, attenuated simian immunodeficiency virus vaccine

1933 ***Norman R. Ruetsch, Gayle C. Bosma, and Melvin J. Bosma.*** Unexpected rearrangement and expression of the immunoglobulin λ1 locus in scid mice

1945 ***Christopher T. Siegel, Karin Schreiber, Stephen C. Meredith, Gabriele B. Beck-Engeser, David W. Lancki, Christopher A. Lazarski, Yang-Xin Fu, Donald A. Rowley, and Hans Schreiber.*** Enhanced growth of primary tumors in cancer-prone mice after immunization against the mutant region of an inherited oncoprotein

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1965 ***Harpreet Singh-Jasuja, René E.M. Toes, Pieter Spee, Christian Münz, Norbert Hilf, Stephen P. Schoenberger, Paola Ricciardi-Castagnoli, Jacques Neefjes, Hans-Georg Rammensee, Danièle Arnold-Schild, and Hansjörg Schild.*** Cross-presentation of glycoprotein 96–associated antigens on major histocompatibility complex class I molecules requires receptor-mediated endocytosis

1975 ***Markus Latta, Gerald Künstle, Marcel Leist, and Albrecht Wendel.*** Metabolic depletion of ATP by fructose inversely controls CD95- and tumor necrosis factor receptor 1–mediated hepatic apoptosis

1987 ***James L. Riley, Katia Schlienger, Patrick J. Blair, Beatriz Carreno, Nancy Craighead, Daniel Kim, Richard G. Carroll, and Carl H. June.*** Modulation of susceptibility to HIV-1 infection by the cytotoxic T lymphocyte antigen 4 costimulatory molecule

1999 ***Pierre Launay, Béatrice Grossetête, Michelle Arcos-Fajardo, Emmanuelle Gaudin, Sonia P. Torres, Lucie Beaudoin, Natacha Patey-Mariaud de Serre, Agnès Lehuen, and Renato C. Monteiro.*** Fcα receptor (CD89) mediates the development of immunoglobulin A (IgA) nephropathy (Berger's disease): evidence for pathogenic soluble receptor–IgA complexes in patients and CD89 transgenic mice

2011 ***Angus M. Moodycliffe, Vijay Shreedhar, Stephen E. Ullrich, Jeffrey Walterscheid, Corazon Bucana, Margaret L. Kripke, and Leopoldo Flores-Romo.*** CD40–CD40 ligand interactions in vivo regulate migration of antigen-bearing dendritic cells from the skin to draining lymph nodes

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2021 ***Kristine M. Garza, Steven M. Chan, Rakesh Suri, Linh T. Nguyen, Bernhard Odermatt, Stephen P. Schoenberger, and Pamela S. Ohashi.*** Role of antigen-presenting cells in mediating tolerance and autoimmunity

2029 ***Correction***

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2031 ***A. Maria Dahl, Christoph Klein, Pietro G. Andres, Cheryl A. London, Michael P. Lodge, Richard C. Mulligan, and Abul K. Abbas.*** Expression of Bcl-X_L restores cell survival, but not proliferation and effector differentiation, in CD28-deficient T lymphocytes

2039 ***Kevin L. Legge, Booki Min, J. Jeremiah Bell, Jacque C. Caprio, Lequn Li, Randal K. Gregg, and Habib Zaghouani.*** Coupling of peripheral tolerance to endogenous interleukin 10 promotes effective modulation of myelin-activated T cells and ameliorates experimental allergic encephalomyelitis

2053 ***Bianca M. Wittig, Britt Johansson, Margot Zöller, Christoph Schwärzler, and Ursula Günthert.*** Abrogation of experimental colitis correlates with increased apoptosis in mice deficient for CD44 variant exon 7 (CD44v7)

2065 ***J. Magarian Blander, Derek B. Sant'Angelo, Kim Bottomly, and Charles A. Janeway, Jr.*** Alteration at a single amino acid residue in the T cell receptor α chain complementarity determining region 2 changes the differentiation of naive CD4 T cells in response to antigen from T helper cell type 1 (Th1) to Th2

2075 ***Sharon A. Matthews, Enrique Rozengurt, and Doreen Cantrell.*** Protein kinase D: a selective target for antigen receptors and a downstream target for protein kinase C in lymphocytes

2083 ***Jesús Yagüe, Iñaki Alvarez, Didier Rognan, Manuel Ramos, Jesús Vázquez, and José A. López de Castro.*** An *N*-acetylated natural ligand of human histocompatibility leukocyte antigen (HLA)-B39: classical major histocompatibility complex class I proteins bind peptides with a blocked NH_2 terminus in vivo

2093 ***Michael Nardi and Simon Karpatkin.*** Antiidiotype antibody against platelet anti-GPIIIa contributes to the regulation of thrombocytopenia in HIV-1–ITP patients

2101 ***McKay Brown, Maria A. Schumacher, Gregory D. Wiens, Richard G. Brennan, and Marvin B. Rittenberg.*** The structural basis of repertoire shift in an immune response to phosphocholine

2113 ***Hitoshi Nagaoka, Gloria Gonzalez-Aseguinolaza, Moriya Tsuji, and Michel C. Nussenzweig.*** Immunization and infection change the number of recombination activating gene (RAG)-expressing B cells in the periphery by altering immature lymphocyte production

2121 ***Christian Bogdan, Norbert Donhauser, Reinhard Döring, Martin Röllinghoff, Andreas Diefenbach, and Michael G. Rittig.*** Fibroblasts as host cells in latent leishmaniosis

2131 ***Jorge C.G. Blanco, Cristina Contursi, Cindy A. Salkowski, David L. DeWitt, Keiko Ozato, and Stefanie N. Vogel.*** Interferon regulatory factor (IRF)-1 and IRF-2 regulate interferon γ–dependent cyclooxygenase 2 expression

2145 ***Paul J. Egan and Simon R. Carding.*** Downmodulation of the inflammatory response to bacterial infection by γδ T cells cytotoxic for activated macrophages

2159 ***Kevin J. Maloy, Christoph Burkhart, Tobias M. Junt, Bernhard Odermatt, Annette Oxenius, Luca Piali, Rolf M. Zinkernagel, and Hans Hengartner.*** $CD4^+$ T cell subsets during virus infection: protective capacity depends on effector cytokine secretion and on migratory capability

2171 ***Abdalla Rifai, Kim Fadden, Sherie L. Morrison, and Koteswara R. Chintalacharuvu.*** The *N*-glycans determine the differential blood clearance and hepatic uptake of human immunoglobulin (Ig)A1 and IgA2 isotypes

2183 ***Carol A. Blanchong, Bi Zhou, Kristi L. Rupert, Erwin K. Chung, Karla N. Jones, Juan F. Sotos, William B. Zipf, Robert M. Rennebohm, and C. Yung Yu.*** Deficiencies of human complement component C4A and C4B and heterozygosity in length variants of *RP-C4-CYP21-TNX* (RCCX) modules in Caucasians: the load of RCCX genetic diversity on major histocompatibility complex–associated disease

2197 ***Enrico Arpaia, Patricia Benveniste, Antonio Di Cristofano, Yiping Gu, Ilan Dalal, Susan Kelly, Michael Hershfield, Pier Paolo Pandolfi, Chaim M. Roifman, and Amos Cohen.*** Mitochondrial basis for immune deficiency: evidence from purine nucleoside phosphorylase–deficient mice

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